

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application) PATENT APPLICATION
)
Inventor(s): Garg, et al.)
)
Serial No.: 07/726,773)
)
Filed: July 8, 1991)
)
Title: RISC MICROPROCESSOR)
ARCHITECTURE IMPLEMENTING)
MULTIPLE TYPED REGISTER SETS)
_____)

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if one name is listed below), first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RISC MICROPROCESSOR ARCHITECTURE
IMPLEMENTING MULTIPLE TYPED REGISTER SETS

the specification of which (check applicable ones):

_____ is attached hereto;
 X was filed with the above-identified "Filed" date and "Serial No."
_____ was amended on (or amended through) _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose information which is material to the examination of the application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or

(1) Full name of sole or first inventor: Sanjiv Garg

(1) Residence: 46820 Sentinel Drive
Fremont, California 94539

(1) Post Office Address: Same as Residence

(1) Citizenship: U.S.A.

(1) Inventor's signature: *Sanjiv Garg*

(1) Date: 9/6/91

(2) Full name of second joint inventor: Derek J. Lentz

(2) Residence: 17400 Phillips Avenue
Los Gatos, California 95032

(2) Post Office Address: Same as Residence

(2) Citizenship: U.S.A.

(2) Inventor's signature: *Derek J. Lentz*

(2) Date: 9/6/91

(3) Full name of third joint inventor: Le Trong Nguyen

(3) Residence: 15096 Danielle Place
Monte Sereno, California 95030

(3) Post Office Address: Same as Residence

(3) Citizenship: Vietnam

(3) Inventor's signature: *Le Trong Nguyen*

(3) Date: 9/6/91

SECRET - 80488760

- (4) Full name of fourth ^{su} joint inventor: Sho Long Chen
- (4) Residence: 14411 Quito Road
Saratoga, California 95070
- (4) Post Office Address: Same as Residence
- (4) Citizenship: U.S.A.
- (4) Inventor's signature: *Sho Long Chen*
- (4) Date: Sept 6, 91

Title 37, Code of Federal Regulations, §1.56(a)

SECTION 1.56. DUTY OF DISCLOSURE; FRAUD; STRIKING
OR REJECTION OF APPLICATION.

(a) A duty of candor and good faith toward the Patent and Trademark Office rests on the inventor, on each attorney or agent who prepares or prosecutes the application and on every other individual who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application. All such individuals have a duty to disclose to the Office information they are aware of which is material to the examination of the application. Such information is material when there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent. The duty is commensurate with the degree of involvement in the preparation or prosecution of the application.

SP018

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Sanjiv Garg et al

Group Art Unit:

Serial No.: 07/726,773

Examiner:

Filed: July 8, 1991

Title: RISC MICROPROCESSOR ARCHITECTURE IMPLEMENTING
MULTIPLE TYPED REGISTER SETS

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

S MOS SYSTEMS INC., a California corporation, having its principal place of business at 2460 North First Street, San Jose, California 95131, is the assignee of record of the entire interest of the above-identified patent application, such assignment being recorded in the United States Patent and Trademark Office on September 30, 1991, at Reel 5885, Frames 196-200. As assignee of record of the entire interest of the above-identified patent application, all powers of attorney previously given are hereby revoked and the following attorneys are appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith: W. Douglas Carothers, Jr., Reg. No. 22,024; Raymond J. Werner, Reg. No. 34,752; Gregory D. Ogrod, Reg. No. 30,880; Robert Greene Sterne, Reg. No. 28,912; Edward J. Kessler, Reg. No. 25,688; Jorge A. Goldstein, Reg. No. 29,021; and Samuel L. Fox, Reg. No. 30,353.

Send correspondence and direct telephone calls to:

Edward J. Kessler
Sterne, Kessler, Goldstein & Fox
1225 Connecticut Avenue
Washington, D. C. 20036

Telephone: (202) 466-0800

Assignee: S MOS Systems, Inc.

Name: 
(Signature)

Name: Shuji Kato

Date: July 2, 1992

Title: Executive Vice President

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application) PATENT APPLICATION
Inventor(s): Garg, et al.)
Serial No.: 07/726,773)
Filed: July 8, 1991)
Title: RISC MICROPROCESSOR ARCHITRECTURE)
IMPLEMENTING MULTIPLE TYPED REGISTER)
SETS)

JCS11 U.S. PTO
09/188708
11/10/98

POWER OF ATTORNEY BY ASSIGNEE
TO EXCLUSION OF INVENTOR UNDER 37 C.F.R. §1.32

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the above-identified application for letters patent hereby appoints W. Douglas Carothers, Jr., Reg. No. 22,024, Raymond J. Werner, Reg. No. 34,752, Martin C. Fliesler, Reg. No. 25,656, Gerald B. Rosenberg, Reg. No. 30,320 and each of the attorneys of FLIESLER, DUBB, MEYER & LOVEJOY to prosecute this application and transact all business in the United States Patent & Trademark Office connected therewith; said appointment to be to the exclusion of the inventor(s) and the inventors' attorney(s) in accordance with the provisions of 37 C.F.R. §1.32.

Direct all telephone calls to Gerald B. Rosenberg (415) 362-3800.

Address all correspondence to:

Gerald B. Rosenberg
FLIESLER, DUBB, MEYER & LOVEJOY
Four Embarcadero Center, Suite 400
San Francisco, California 94111-4156

Assignee: S-MOS Systems, Inc.

Name: Shuji Kato
(Signature)

Name: Shuji Kato

Title: Vice President

Date: September 11, 1991

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

(1) ✓ Sanjiv Garg

(2) ✓ Derek J. Lentz

(3) ✓ Le Trong Nguyen

(4) ✓ Sho-Long Chen

(hereinafter termed "Inventors"), residents of

(1) 46820 Sentinel Drive

(2) 17400 Phillips Avenue

(3) 15096 Danielle Place

(4) 14411 Quito Road

respectively, Cities of

(1) Fremont

(2) Los Gatos

(3) Monte Sereno

(4) Saratoga

respectively, Counties of

(1) Alameda

(2) Santa Clara

(3) Santa Clara

(4) Santa Clara

respectively, States of

(1) California

(2) California

(3) California

(4) California

respectively, have invented certain new and useful improvements in:

RISC MICROPROCESSOR ARCHITECTURE
IMPLEMENTING MULTIPLE TYPED REGISTER SETS

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention on the

(1) 6 day of September, 1991

(2) 6 day of September, 1991

(3) 6 day of September, 1991

(4) 6 day of September, 1991

respectively;

said application having SC/Serial Number 07/726,773 and filed on the 8th day of July, 1991.

WHEREAS S-MOS Systems, Inc. (hereinafter termed "Assignee"), a corporation of the State of California, having a place of business at 2460 North First Street, San Jose, State of California, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissue of any of said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee on the date of acknowledgement before the Notary Public as given below.

(1) Sanjiv Garg
Sanjiv Garg

State of California)

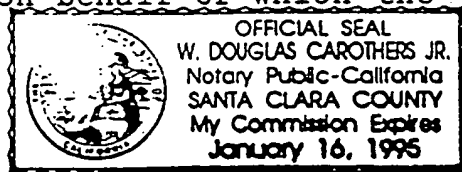
County of SANTA CLARA)

On SEPT. 6, 1991 before me, W. DOUGLAS CAROTHERS JR.
(name and title of officer)

personally appeared SANJIV GARG
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature W. Douglas Carothers Jr.



(Seal)

(2) Derek J. Lentz
Derek J. Lentz

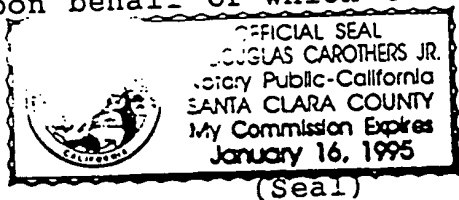
State of California
County of SANTA CLARA

On SEPT. 6, 1991 before me, W. DOUGLAS CAROTHERS, JR.
(name and title of officer)

personally appeared DEREK J. LENTZ
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature W. Douglas Carothers, Jr.



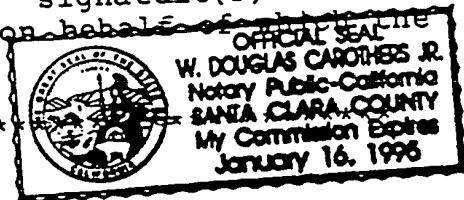
(3) Le Trong Nguyen
Le Trong Nguyen

State of California
County of SANTA CLARA

On SEPT. 6, 1991 before me, W. DOUGLAS CAROTHERS, JR.
(name and title of officer)

personally appeared LE TRONG NGUYEN
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Signature W. Douglas Carothers, Jr.



(4) _____
Sho Long Chen

State of California)
County of SANTA CLARA)

W. DOUGLAS CAROTHERS, JR
~~SHO LONG CHEN~~
(name and title of officer)

On SEPT. 5, 1991 before me,

personally appeared SHO LONG CHEN
personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature W. Douglas Carothers, Jr.

